

PERSONAL INFORMATION

Milena Ivanović



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Sex Female | Date of birth 11/02/1987 | Nationality Bosnia and Herzegovina

WORK EXPERIENCE

October 2013 to present

Senior assistant, Department of Analytical Chemistry , MSc

Faculty of Technology, University of Tuzla (Bosnia and Herzegovina)

- Planing and implementation of experimental laboratory work with students
- Assisting to the professor in the teaching process and preparation of lectures
- Organization and planning of examinations
- Colabration and assistance to students
- Personal development

Business or sector Education

November 2009 - October 2013

Assistant, Department of Analytical Chemistry , BSc

Faculty of Science, University of Tuzla (Bosnia and Herzegovina)

- Planning and implementation of experimental laboratory work with students
- Assisting a professor in the teaching process
- Organization and planning of examinations
- Personal development

Business or sector Education

EDUCATION AND TRAINING

February 2017 to May 2017

PhD student exchange

Faculty of Science, University of Granada (Spain) and Research and Development Centre for Functional Food-CIDAF (Granada, Spain). Financial support by Erasmus Mundus JoinEU See Penta project.

- Development of new extraction methodologies based on the used of deep eutectic solvents
- Training on HPLC-DAD-ESI-TOF-MS chromatographic system.

October 2014 to March 2018

PhD student

Faculty of Chemistry and Chemical Engineering, University of Maribor (Slovenia). Financial support by Erasmus Mundus JoinEU See Penta project.

- Planning and performing laboratory experiments
- Simplification of challenging laboratory procedures based on experience
- The ability to analyze the samples for various purposes
- Use of a range of analytical techniques, instrumentation and software
- Organization of independent scientific research
- Creation of team oriented atmosphere

November 2012- 01.07. 2013

Masters of Chemical Technology/Engineering Chemistry Programme

Faculty of Technology, University of Tuzla (Bosnia and Herzegovina)

- Planning and performing laboratory experiments
- Simplification of challenging laboratory procedures based on experience
- The ability to analyze the samples for various purposes
- Use of a range of analytical techniques, instrumentation and software
- Organization of independent scientific research
- Creation of team oriented atmosphere

MSc thesis: „The effects of surfactant structures and concentrations in mixed surfactant solutions on the precipitation of Ca(II) ions“

October 2005-15.09.2009

Bachelor of Science, Chemistry Teacher

Faculty of Science, University of Tuzla (Bosnia and Herzegovina)

- Individual and group laboratory work under the supervision of assistant
- Processing and presentation of obtained laboratory results
- The ability to transfer the knowledge through lectures, presentations and experiments
- Participation in teamwork

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Slovenian	C1	C1	B1	B1	B2
Spanish	A2	A2	A2	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Computer skills ▪ Microsoft Office (Word, Excel, Power Point, Publisher), ChemOffice, ACD labs, Spectrum Database for Organic Compounds (SDBS), SPSS chemometric software, Softwares for Experimental optimisation (Design Expert, DOE)

Driving licence B-car

ADDITIONAL INFORMATION

PhD study (2015-2018)

Publications

Original scientific article

1. ALAÑÓN, M. E., IVANOVIĆ, Milena, GÓMEZ-CARAVACA, A. M., ARRÁEZ-ROMÁN, David, SEGURA-CARRETERO, Antonio. Choline chloride derivative-based deep eutectic liquids as novel green alternative solvents for extraction of phenolic compounds from olive leaf. *Arabian journal of chemistry*, ISSN 1878-5352, Available online 31 January 2018, str. 1-18, doi: [10.1016/j.arabjc.2018.01.003](https://doi.org/10.1016/j.arabjc.2018.01.003). [COBISS.SI-ID [21143574](#)]
2. IVANOVIĆ, Milena, ALAÑÓN, M. E., ARRÁEZ-ROMÁN, David, SEGURA-CARRETERO, Antonio. Enhanced and green extraction of bioactive compounds from *Lippia citriodora* by tailor-made natural deep eutectic solvents. *Food research international*, ISSN 0963-9969. [Print ed.], sep. 2018, vol. 111, str. 67-76, ilustr., doi: [10.1016/j.foodres.2018.05.014](https://doi.org/10.1016/j.foodres.2018.05.014). [COBISS.SI-ID [21403670](#)]
3. IVANOVIĆ, Milena, PETEK, Anja, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Chemometric characterization of Slovenian red wines. *Acta chimica slovenica*, ISSN 1318-0207. [Tiskana izd.], str. 537-542, ilustr. [COBISS.SI-ID [20730646](#)]
4. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Simultaneous GC-MS determination of free and bound phenolic acids in Slovenian red wines and chemometric characterization. *Acta chimica slovenica*, ISSN 1318-0207. [Tiskana izd.], 2016, vol. 63, no. 3, str. 661-669. <https://journals.matheo.si/index.php/ACSI/article/view/2534>, doi: [10.17344/acsi.2016.2534](https://doi.org/10.17344/acsi.2016.2534). [COBISS.SI-ID [19728662](#)]
5. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena. Stability studies and determination of camosic acid and its oxidative degradation products by gas chromatography-mass spectrometry. *International Journal of Mass Spectrometry*, ISSN 1387-3806. [Print ed.], 2016, vol. 407, str. 29-39, doi: [10.1016/j.ijms.2016.07.002](https://doi.org/10.1016/j.ijms.2016.07.002). [COBISS.SI-ID [19669526](#)]
6. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, KERMC, Domen, KOLAR, Mitja. Monosaccharides determination in *Lepidium meyenii* capsules by GC-MS. *Technologica acta*, ISSN 1840-0426, june 2016, vol. 9, no. 1, str. 33-38, ilustr. [COBISS.SI-ID [19789846](#)]

Professional article

7. PLOHL, Klavdija, ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, GRADIŠNIK, Lidija, MAVER, Uroš, LIPOVŠEK DELAKORDA, Saška. Matični mleček - možnosti za zunanjo uporabo. *Slovenski čebelar : glasilo čebelarskih organizacij Slovenije*, ISSN 0350-4697, 2018, letn. 120, št. 1, str. 9-11, ilustr. [COBISS.SI-ID [23651848](#)]

Projects

During the period of time from February to July 2015, I participated actively, as the student; in the realization of the project entitled "Development of Automated and Coupled Methods in Analytical Chemistry", as a part of "PKP2-Creative path to practical knowledge", partially funded by the EU funds

September 2016-December 2017. Bilaterally project between Slovenia (University of Maribor) and Bosnia and Herzegovina (University of Tuzla) (member).

Conferences

Published scientific conference contribution

8. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, PETEK, Anja. Kemometrijska karakterizacija slovenskih rdečih vin Podravja, Posavja in Primorja = Chemometric characterization of Slovenian red wines from Podravje, Posavje and Primorje. V: KAUČIČ, Venčeslav (ur.), BEŠTER-ROGAČ, Marija (ur.), GANTAR, Marjana (ur.). *Zbornik referatov in povzetkov*, 22. Slovenski kemijski dnevi, Portorož, 28.-30. september 2016 = 22. Slovenian Chemical Days Portorož, September 28-30, 2016. Ljubljana: Slovensko kemijsko društvo. 2016, str. 1-6, ilustr. [COBISS.SI-ID [19919894](#)]
9. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Optimization of extraction of phenolic acids from coriander using Box-Behnken design with response surface methodology. V: KAUČIČ, Venčeslav (ur.), BEŠTER-ROGAČ, Marija (ur.), GANTAR, Marjana (ur.). *Zbornik referatov in povzetkov*, 22. Slovenski kemijski dnevi, Portorož, 28.-30. september 2016 = 22. Slovenian Chemical Days Portorož, September 28-30, 2016. Ljubljana: Slovensko kemijsko društvo. 2016, str. 1-6, ilustr. [COBISS.SI-ID [19922198](#)]

10. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, KOLAR, Mitja. Stabilnostna študija kafeinske in ferulične kisline z GC-MS = Stability studies on caffeic and ferulic acid by GC-MS. V: KAUČIČ, Venčeslav (ur.), et al. *Zbornik referatov in povzetkov, Slovenski kemijski dnevi 2015*, Ljubljana, 24. - 25. september 2015 = Slovenian Chemical Days 2015, Ljubljana, September 24 - 25, 2015. Ljubljana: Slovensko kemijsko društvo. 2015, str. [1-7]. [COBISS.SI-ID [18975510](#)]

Published scientific conference contribution abstract

11. ALAÑÓN, Elena, IVANOVIĆ, Milena, ARRÁEZ-ROMÁN, David, SEGURA-CARRETERO, Antonio. Optimization of extraction phenolic compounds from olive leaves by means of alternative solvents: deep eutectic solvents. V: *Abstract book*, 19th International Symposium on Advances in Extraction Technologies, Santiago de Compostela, Spain, June 27th-30th, 2017. Santiago de Compostela: INGACAL-CIAM. 2017, str. 319. [COBISS.SI-ID [20680982](#)]
12. IVANOVIĆ, Milena, ALAÑÓN, Elena, ARRÁEZ-ROMÁN, David, SEGURA-CARRETERO, Antonio. Deep eutectic solvents: a "green" alternative for the extraction of phenolic compounds from Lippia Citriodora. V: *Abstract book*, 19th International Symposium on Advances in Extraction Technologies, Santiago de Compostela, Spain, June 27th-30th, 2017. Santiago de Compostela: INGACAL-CIAM. 2017, str. 320. [COBISS.SI-ID [20681238](#)]
13. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Deep eutectic solvents (DES): green extraction of phenolic compound from chokeberries (*Aronia melanocarpa*). V: *Book of abstracts*, 24th Young Investigators Seminar on Analytical Chemistry, Venice, 28th-30th June 2017, Italy. [Venice: s. n. 2017], str. 19. [COBISS.SI-ID [20681494](#)]
14. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Deep eutectic solvents (DESs) : extraction of phenolic compounds from plant material : [lecture]. V: SELIMBAŠIĆ, Vahida (ur.). *OPORPH 2017 : book of abstracts*. Tuzla: University of Tuzla, Faculty of Technology. 2017, str. 61. [COBISS.SI-ID [1537657539](#)].
15. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, PLOHL, Klavdija, LIPOVŠEK DELAKORDA, Saška. Determination of sugars, fatty acids, total phenolic content and total flavonoids from Slovenian Royal Jelly. V: JAŠIĆ, Midhat (ur.). *Pčelarstvo i pčelinji proizvodi : zbornik radova i sažetaka sa drugog kongresa o pčelarstvu i pčelinjim proizvodima - sa međunarodnim učešćem, Gradačac, [24. -25. 8.] 2017 = Beekeeping and bee products : book of abstracts and full papers from second congress of beekeeping and bee products - with international participation, Gradačac, [24. -25. 8.] 2017, 2. međunarodni kongres o pčelarstvu i pčelinjim proizvodima, Gradačac, 24. - 25. 8. 2017. Osijek; Tuzla: [s. n.]. 2017, str. 80-81. [COBISS.SI-ID [20775958](#)]*
16. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, SULJKANOVIĆ, Mersiha, KOLAR, Mitja. Optimization of solid-phase extraction of phenolic compounds from aronia (*Aronia melanocarpa*). V: KAUČIČ, Venčeslav (ur.). *Zbornik referatov in povzetkov, Slovenski kemijski dnevi 2017*, 20.-22. september 2017, Portorož. Ljubljana: Slovensko kemijsko društvo. 2017, str. [1]. [COBISS.SI-ID [20812822](#)]
17. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Optimization of solid phase extraction (SPE) of phenolic acids. V: MLAKAR, Damir (ur.). *1st AARC PhD Students Conference on Environment and Sustainable Energy, November 24th-25th 2016, University of Maribor (Slovenia)*. Maribor: University. 2016, str. 69. [COBISS.SI-ID [20061206](#)]
18. IVANOVIĆ, Milena, KOLAR, Mitja, ISLAMČEVIĆ RAZBORŠEK, Maša. Response surface methodology - an optimal design applied to the determination of maximum extraction efficiency of phenolic acids from *Coriandrum sativum* L. V: VAJDLE, Olga (ur.). *Book of abstracts*, 23th Young Investigators' Seminar on Analytical Chemistry, June 28th-July 1st, 2016, Novi Sad, Serbia. [Petrovaradin: Alfagraf]. cop. 2016, str. 37, ilustr. [COBISS.SI-ID [19682582](#)]
19. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, ČUŠ, Katja, KOLAR, Mitja. Gas chromatographic-mass spectrometric determination of selected monosaccharides in wood hemicellulose samples. V: VOVK, Irena (ur.), GLAVNIK, Vesna (ur.), ALBREHT, Alen (ur.). *Book of abstracts*, 21st International Symposium on Separation Sciences, June 30 - July 3, 2015, Ljubljana, Slovenia. Ljubljana: National Institute of Chemistry. 2015, str. 115. [COBISS.SI-ID [18839574](#)]
20. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Development and validation of a GC-MS method for the determination of phenolic acids in plant materials. V: BRYCHT, Mariola (ur.). *Book of abstracts*, 22nd Young Investigators'

Seminar on Analytical Chemistry, Lodz, June 30th - July 4th, 2015. [S. l.: s. n.]. 2015, str. 69. [COBISS.SI-ID 18841110]

21. IVANOVIĆ, Milena, KOLAR, Mitja, ISLAMČEVIĆ RAZBORŠEK, Maša. GC/MS identification and quantitative determination of selected phenolic acids in red wine. V: *Book of abstracts*, 4th Scientific symposium with international participation "Environmental resources, sustainable development and food production", OPORPH - 2015, Tuzla, Bosnia and Hercegovina, November 12-13, 2015. Tuzla: Tehnološki fakultet Tuzla. 2015, 1 str. [COBISS.SI-ID 19198998]
22. IVANOVIĆ, Milena, ISLAMČEVIĆ RAZBORŠEK, Maša, KOLAR, Mitja. Extraction of phenolic acids from red wines samples, their simultaneous identification and quantification by GC-MS. V: KLJUN, Jakob (ur.), KLEMENČIČ, Marina (ur.), DRVARIČ TALIAN, Sara (ur.). *Cutting edge 2015 : scientific conference, Ljubljana, September 2015 : book of abstracts*. Ljubljana: Fakulteta za kemijo in kemijsko tehnologijo. 2015, str. 56, ilustr. <http://www.cutting-edge.si/wp-content/uploads/2014/12/Cutting-Edge-2015-Book-of-abstracts.pdf>. [COBISS.SI-ID 18949142]
23. ISLAMČEVIĆ RAZBORŠEK, Maša, IVANOVIĆ, Milena, KOLAR, Mitja. Određivanje monosaharida u ekstraktu maca (*Lepidium meyenii*) pomoću GC-MS-a = GC-MS determination of monosaccharides in maca (*Lepidium meyenii*) extract. V: JAŠIĆ, Midhat (ur.). *Hranom do zdravlja : zbornik sažetaka i radova sa osmog međunarodnog simpozija, 2015, Tuzla = With food to health : book of abstracts and papers of 8th international symposium*, 8. međunarodni simpozij Hranom do zdravlja, Tuzla. Tuzla ... [et al.]: [s. n.]. 2015, str. 35. [COBISS.SI-ID 19037206]

Seminars

1. Dani za kromatografiju, organized on 15 October, 2015 in Maibor, Slovenia.
2. GC and GC-MS seminar, organized on 12 May, 2015 in Zgornji Brnik, Slovenia.
3. LC-MS seminar, organized on 13 May, 2015 in Zgornji Brnik, Slovenia.
4. HPLC Troubleshooting Seminar, organized on 8 October, 2014 in Maribor, Slovenia.

Honours and awards

1. Grantee of Erasmus Mundus scholarship for doctoral study in framework of JoinEU-SEE<Penta project
2. Silver Medal of the University of Tuzla for outstanding success in the fourth year of undergraduate study , GPA 9.67
3. Silver Medal of the University of Tuzla for outstanding success in the third year of undergraduate study , GPA 9.45